LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	May 1988	April 1988	May 1987
GARDNER LMA			
LABOR FORCE	14,860	14,980	14,730
EMPLOYMENT	14,300	14,440	13,930
UNEMPLOYMENT	560	550	800
PERCENT UNEMPLOYED	3.8	3.6	5.4
GREAT BARRINGTON LMA			
LABOR FORCE	9,210	8,910	8,930
EMPLOYMENT	9,020	8,670	8,680
UNEMPLOYMENT	190	250	250
PERCENT UNEMPLOYED	2.0	2.7	2.7
GREENFIELD LMA			
LABOR FORCE	25,650	26,140	25,130
EMPLOYMENT	25,070	25,500	24,510
UNEMPLOYMENT	580	630	620
PERCENT UNEMPLOYED	2.2	2.4	2.5
NANTUCKET LMA			
LABOR FORCE	4,850	4,310	5,160
EMPLOYMENT	4,790	4,250	5,080
UNEMPLOYMENT	60	60	80
PERCENT UNEMPLOYED	1.2	1.4	1.6
NORTH ADAMS LMA			
LABOR FORCE	20,500	20,860	19,560
EMPLOYMENT	19,830	20,050	18,670
UNEMPLOYMENT	670	810	890
PERCENT UNEMPLOYED	3.3	3.9	4.5
SOUTHBRIDGE LMA			
LABOR FORCE	13,360	13,300	13,540
EMPLOYMENT	12,850	12,780	12,950
UNEMPLOYMENT	510	520	600
PERCENT UNEMPLOYED	3.8	3.9	4.4
TAUNTON LMA			
LABOR FORCE	28,820	27,320	24,760
EMPLOYMENT	27,940	26,340	23,590
UNEMPLOYMENT	880	980	1,170
PERCENT UNEMPLOYED	3.3	3.6	4.7
WARE LMA			
LABOR FORCE	8,170	8,300	8,260
EMPLOYMENT	7,890	7,960	7,960
UNEMPLOYMENT	290	350	300
PERCENT UNEMPLOYED	3.5	4.2	3.6
BALANCE of WESTERN MASS EA			
LABOR FORCE	8,720	8,720	8,530
EMPLOYMENT	8,480	8,430	8,260
UNEMPLOYMENT	230	290	270
PERCENT UNEMPLOYED	2.7	3.3	3.1

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

MAY 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
ABINGTON	7,568	7,326	242	3.2
ACTON	10,046	9,916	130	1.3
ACUSHNET	5,131	4,973	158	3.1
ADAMS	5,334	5,145	189	3.5
AGAWAM	14,436	14,134	302	2.1
ALFORD	239	230	9	3.8
AMESBURY	7,276	7,045	231	3.2
AMHERST	19,367	18,967	400	2.1
ANDOVER	13,832	13,556	276	2.0
ARLINGTON	26,263	25,803	460	1.8
ASHBURNHAM	2,323	2,256	67	2.9
ASHBY	1,218	1,191	27	2.2
ASHFIELD	872	852	20	2.3
ASHLAND	7,060	6,905	155	2.2
ATHOL	4,347	4,164	183	4.2
ATTLEBORO	18,402	17,665	737	4.0
AUBURN	8,517	8,391	126	1.5
AVON	2,861	2,764	97	3.4
AYER	3,491	3,409	82	2.3
BARNSTABLE	20,583	19,708	875	4.3
BARRE	2,280	2,241	39	1.7
BECKET	728	699	29	4.0
BEDFORD	6,782	6,685	97	1.4
BELCHERTOWN	4,784	4,704	80	1.7
BELLINGHAM	7,548	7,277	271	3.6
BELMONT	14,022	13,810	212	1.5
BERKLEY	1,752	1,704	48	2.7
BERLIN	1,266	1,246	20	1.6
BERNARDSTON	987	959	28	2.8
BEVERLY	22,461	21,983	478	2.1
BILLERICA	22,479	21,908	571	2.5
BLACKSTONE	3,382	3,228	154	4.6
BLANDFORD	555	546	9	1.6
BOLTON	1,644	1,616	28	1.7
BOSTON	298,428	289,702	8,726	2.9
BOURNE	7,487	7,283	204	2.7
BOXBOROUGH	2,045	2,020	25	1.2
BOXFORD	3,031	2,977	54	1.8
BOYLSTON	2,128	2,090	38	1.8
BRAINTREE	19,133	18,666	467	2.4
BREWSTER	3,438	3,364	74	2.2
BRIDGEWATER	9,365	9,120	245	2.6
BRIMFIELD	1,224	1,188	36	2.9
BROCKTON	48,073	46,260	1,813	3.8
BROOKFIELD	1,490	1,452	38	2.6
BROOKLINE	32,112	31,592	520	1.6
BUCKLAND	971	963	8	0.8
BURLINGTON	13,610	13,362	248	1.8
CAMBRIDGE	53,971	52,823	1,148	2.1
CANTON	10,214	10,030	184	1.8
CARLISLE	2,235	2,199	36	1.6
CARVER	4,573	4,449	124	2.7
CHARLEMONT	640	619	21	3.3
CHARLTON	4,151	4,065	86	2.1
CHATHAM	3,198	3,146	52	1.6
CHELMSFORD	19,215	18,839	376	2.0
CHELSEA	11,498	11,045	453	3.9
CHESHIRE	1,683	1,634	49	2.9
CHESTER	534	507	27	5.1
CHESTERFIELD	590	575	15	2.5
CHICOPEE	29,133	28,264	869	3.0
CHILMARK	406	405	1	0.2
CLARKSBURG	1,016	997	19	1.9
CLINTON	6,751	6,542	209	3.1
COHASSET	3,857	3,755	102	2.6
COLRAIN	858	836	22	2.6
CONCORD	9,130	9,036	94	1.0
CONWAY	817	792	25	3.1
CUMMINGTON	383	380	3	0.8
DALTON	3,314	3,193	121	3.7
DANVERS	14,593	14,362	231	1.6
DARTMOUTH	13,754	13,315	439	3.2
DEDHAM	13,459	13,200	259	1.9
DEERFIELD	2,797	2,743	54	1.9
DENNIS	6,917	6,709	208	3.0
DIGHTON	2,689	2,618	71	2.6
DOUGLAS	2,365	2,295	70	3.0
DOVER	2,437	2,410	27	1.1
DRACUT	14,814	14,452	362	2.4
DUDLEY	4,994	4,877	117	2.3
DUNSTABLE	1,216	1,201	15	1.2
DUXBURY	6,712	6,605	107	1.6
EAST BRIDGEWATER	5,320	5,189	131	2.5
EAST BROOKFIELD	957	934	23	2.4
EAST LONGMEADOW	6,376	6,271	105	1.6
EASTHAM	2,359	2,285	74	3.1
EASTHAMPTON	8,808	8,605	203	2.3
EASTON	10,813	10,579	234	2.2
EDGARTOWN	1,953	1,917	36	1.8
EGREMONT	827	811	16	1.9
ERVING	558	545	13	2.3
ESSEX	1,729	1,694	35	2.0
EVERETT	18,710	18,066	644	3.4
FAIRHAVEN	7,950	7,669	281	3.5
FALL RIVER	41,762	39,573	1,189	3.2
FALMOUTH	13,935	13,582	353	2.5
FITCHBURG	17,836	17,263	573	3.2
FLORIDA	370	363	7	1.9
FOXBOROUGH	8,026	7,918	108	1.3
FRAMINGHAM	39,046	38,256	790	2.0
FRANKLIN	10,013	9,804	209	2.1
FREETOWN	4,200	4,097	103	2.5
GARDNER	8,243	7,938	305	3.7
GAY HEAD	119	116	3	2.5
GEORGETOWN	3,059	2,998	61	2.0
GILL	732	728	4	0.5
GLOUCESTER	15,932	14,964	968	6.1
GOSHEN	403	400	3	0.7
GOSNOLD	34	34	0	0.0
GRAFTON	6,865	6,738	127	1.8
GRANBY	2,864	2,771	93	3.2
GRANVILLE	666	652	14	2.1
GREAT BARRINGTON	3,984	3,889	95	2.4
GREENFIELD	9,326	9,133	193	2.1
GROTON	3,849	3,802	47	1.2
GROVELAND	2,692	2,625	67	2.5
HADLEY	2,979	2,883	96	3.2
HALIFAX	2,914	2,833	81	2.8
HAMILTON	4,183	4,133	50	1.2
HAMPDEN	2,249	2,217	32	1.4
HANCOCK	348	341	7	2.0
HANOVER	6,055	5,932	123	2.0
HANSON	4,383	4,263	120	2.7
HARDWICK	904	867	37	4.1
HARVARD	3,424	3,387	37	1.1
HARWICH	4,719	4,627	92	1.9
HATFIELD	2,136	2,073	83	3.8
HAVERHILL	23,274	22,496	778	3.3
HAWLEY	189	183	6	3.2
HEATH	291	289	2	0.7
HINGHAM	10,102	9,908	194	1.9
HINSDALE	848	808	40	4.7
HOLBROOK	9,133	8,965	168	2.7
HOLDEN	7,644	7,533	111	1.5
HOLLAND	779	766	13	1.7
HOLLISTON	7,430	7,304	126	1.7
HOLYOKE	18,013	17,279	734	4.1
HOPEDALE	2,039	1,994	45	2.2
HOPKINTON	4,911	4,835	76	1.5
HUBBARDSTON	881	847	34	3.9
HUDSON	10,406	10,228	178	1.7
HULL	4,699	4,494	205	4.4
HUNTINGTON	904	889	15	1.7
IPSWICH	6,866	6,752	114	1.7
KINGSTON	4,246	4,121	125	2.9
LAKEVILLE	3,590	3,535	55	1.5
LANCASTER	3,166	3,119	47	1.5
LANESBOROUGH	1,612	1,561	51	3.2
LAWRENCE	28,818	27,219	1,599	5.5
LEE	2,993	2,867	126	4.2
LEICESTER	5,218	5,120	98	1.9
LENOX	3,340	3,268	72	2.2
LEOMINSTER	16,773	16,191	582	3.5
LEVERETT	1,106	1,087	19	1.7
LEXINGTON	16,649	16,439	210	1.3
LEYDEN	354	346	8	2.3
LINCOLN	3,498	3,451	47	1.3
LITTLETON	4,084	4,031	53	1.3
LONGMEADOW	7,804	7,691	113	1.4
LOWELL	52,188	50,286	1,902	3.6
LUDLOW	10,380	10,116	264	2.5
LUNENBURG	4,298	4,216	82	1.9
LYNN	39,938	38,312	1,626	4.1
LYNNFIELD	9,107	8,001	106	1.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

MAY 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
MALDEN	28,679	27,876	803	2.8
MANCHESTER	2,933	2,880	53	1.8
MANSFIELD	8,224	8,120	104	1.3
MARBLEHEAD	11,736	11,543	193	1.6
MARION	2,029	1,963	66	3.3
MARLBOROUGH	18,660	18,280	380	2.0
MARSHFIELD	11,737	11,436	301	2.6
MASHPEE	3,494	3,403	91	2.6
MATTAPOISETT	3,152	3,098	54	1.7
MAYNARD	5,689	5,578	111	2.0
MEDFIELD	5,546	5,473	73	1.3
MEDFORD	30,670	29,969	701	2.3
MEDWAY	5,101	4,995	106	2.1
MELROSE	15,782	15,426	356	2.3
MENDON	1,871	1,840	31	1.7
MERRIMAC	2,426	2,353	73	3.0
METHUEN	21,253	20,603	650	3.1
MIDDLEBOROUGH	8,086	7,879	207	2.6
MIDDLEFIELD	187	177	10	5.3
MIDDLETON	2,983	2,911	72	2.4
MILFORD	13,233	12,848	385	2.9
MILLBURY	6,354	6,199	155	2.4
MILLIS	3,983	3,891	92	2.3
MILLVILLE	965	914	51	5.3
MILTON	13,016	12,774	242	1.9
MONROE	65	58	7	10.8
MONSON	3,609	3,532	77	2.1
MONTAGUE	4,254	4,136	118	2.8
MONTEREY	602	596	6	1.0
MONTGOMERY	309	307	2	0.6
MOUNT WASHINGTON	76	75	1	1.3
NAHANT	2,204	2,146	-58	2.6
NANTUCKET	4,852	4,794	58	1.2
NATICK	17,992	17,695	297	1.7
NEEDHAM	15,185	14,974	211	1.4
NEW ASHFORD	105	102	3	2.9
NEW BEDFORD	47,179	44,892	2,287	4.8
NEW BRAINTREE	305	296	9	3.0
NEW MARLBOROUGH	756	747	9	1.2
NEW SALEM	457	371	86	18.8
NEWBURY	2,633	2,581	52	2.0
NEWBURYPORT	8,767	8,511	256	2.9
NEWTON	47,836	47,094	742	1.6
NORFOLK	3,616	3,557	59	1.6
NORTH ADAMS	8,617	8,253	364	4.2
NORTH ANDOVER	11,326	11,030	296	2.6
NORTH ATTLEBOROUGH	12,164	11,802	362	3.0
NORTH BROOKFIELD	2,173	2,130	43	2.0
NORTH READING	6,874	6,732	142	2.1
NORTHAMPTON	14,379	14,099	280	1.9
NORTHBOROUGH	6,400	6,306	94	1.5
NORTHBRIDGE	6,632	6,468	164	2.5
NORTHFIELD	1,327	1,305	22	1.7
NORTON	7,490	7,346	144	1.9
NORWELL	4,846	4,753	93	1.9
NORWOOD	16,728	16,330	398	2.4
OAK BLUFFS	1,304	1,257	47	3.6
OAKHAM	511	502	9	1.8
ORANGE	2,762	2,627	135	4.9
ORLEANS	3,010	2,956	54	1.8
OTIS	456	427	29	6.4
OXFORD	6,472	6,302	170	2.6
PALMER	6,282	6,100	182	2.9
PAXTON	2,203	2,180	23	1.0
PEABODY	27,870	27,174	696	2.5
PELHAM	916	903	13	1.4
PEMBROKE	7,393	7,204	189	2.6
PEPPERELL	5,293	5,163	130	2.5
PERU	383	372	11	2.9
PETERSHAM	428	424	4	0.9
PHILLIPSTON	463	448	15	3.2
PITTSFIELD	24,608	23,528	1,080	4.4
PLAINFIELD	204	195	9	4.4
PLAINVILLE	3,323	3,050	273	8.2
PLYMOUTH	19,005	18,360	645	3.4
PLYMPTON	1,122	1,098	24	2.1
PRINCETON	1,688	1,669	19	1.1
PROVINCETOWN	2,403	2,069	334	13.9
QUINCY	46,520	45,141	1,379	3.0
RANDOLPH	16,383	15,934	449	2.7
RAYNHAM	5,109	5,013	96	1.9
READING	13,014	12,790	224	1.7
REHOBOTH	4,209	4,087	122	2.9
REVERE	22,696	22,003	693	3.1
RICHMOND	851	840	11	1.3
ROCHESTER	1,973	1,936	37	1.9
ROCKLAND	7,810	7,601	209	2.7
ROCKPORT	3,344	3,217	127	3.8
ROWE	181	173	8	4.4
ROWLEY	2,711	2,651	60	2.2
ROYALSTON	427	420	7	1.6
RUSSELL	783	765	18	2.3
RUTLAND	2,449	2,406	43	1.8
SALEM	22,492	21,858	634	2.8
SALISBURY	3,493	3,347	146	4.2
SANDISFIELD	396	390	6	1.5
SANDWICH	6,981	6,835	146	2.1
SAUGUS	14,537	14,155	382	2.6
SAVOY	400	360	40	10.0
SCITUATE	9,015	8,840	175	1.9
SEEKONK	6,444	6,331	113	1.8
SHARON	8,225	8,087	138	1.7
SHEFFIELD	1,571	1,546	25	1.6
SHELBURNE	986	958	28	2.8
SHERBORN	2,174	2,149	25	1.1
SHIRLEY	2,765	2,722	43	1.6
SHREWSBURY	13,016	12,777	239	1.8
SHUTESBURY	897	868	29	3.2
SOMERSET	9,596	9,320	276	2.9
SOMERVILLE	40,272	39,210	1,062	2.6
SOUTH HADLEY	8,770	8,603	167	1.9
SOUTHAMPTON	2,374	2,341	33	1.4
SOUTHBOROUGH	3,614	3,564	50	1.4
SOUTHBRIDGE	7,377	7,051	326	4.4
SOUTHWICK	4,106	4,032	74	1.8
SPENCER	5,985	5,875	110	1.8
SPRINGFIELD	67,336	65,155	2,181	3.2
STERLING	3,667	3,584	83	2.3
STOCKBRIDGE	1,300	1,273	27	2.1
STONEHAM	12,777	12,518	259	2.0
STOUGHTON	14,479	14,122	357	2.4
STOW	3,142	3,095	47	1.5
STURBRIDGE	3,377	3,274	103	3.1
SUDBURY	7,587	7,477	110	1.4
SUNDERLAND	2,282	2,227	55	2.4
SUTTON	3,366	3,320	46	1.4
SWAMPSCOTT	7,817	7,676	141	1.8
SWANSEA	7,906	7,777	184	2.4
TAUNTON	22,379	21,615	764	3.4
TEMPLETON	2,545	2,441	104	4.1
TEWKSBURY	14,924	14,560	364	2.4
TISBURY	2,301	2,262	39	1.7
TOLLAND	131	129	2	1.5
TOPSFIELD	3,122	3,051	71	2.3
TOWNSEND	4,448	4,389	59	1.3
TRURO	660	619	41	6.2
TYNGSBOROUGH	4,738	4,617	121	2.6
TYRINGHAM	226	221	5	2.2
UPTON	2,324	2,281	43	1.9
UXBRIDGE	4,736	4,623	113	2.4
WAKEFIELD	14,284	13,954	330	2.3
WALES	605	574	31	5.1
WALPOLE	10,885	10,494	391	3.6
WALTHAM	33,542	32,922	620	1.8
WARE	3,697	3,561	136	3.7
WAREHAM	9,897	9,478	419	4.2
WARREN	1,443	1,379	64	4.4
WARWICK	223	216	7	3.1
WASHINGTON	287	280	7	2.4
WATERTOWN	20,104	19,722	382	1.9
WAYLAND	6,493	6,402	91	1.3
WEBSTER	7,754	7,484	270	3.5
WELLESLEY	14,012	13,861	151	1.1
WELLFLEET	1,203	1,137	66	5.5
WENDELL	374	358	16	4.3
WENHAM	2,175	2,147	28	1.3
WEST BOYLSTON	3,363	3,319	44	1.3
WEST BRIDGEWATER	3,440	3,346	94	2.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

MAY 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
WEST BROOKFIELD	1,314	1,285	29	2.2
WEST NEWBURY	1,597	1,576	21	1.3
WEST SPRINGFIELD	14,674	14,304	370	2.5
WEST STOCKBRIDGE	758	738	20	2.6
WEST TISBURY	883	876	7	0.8
WESTBOROUGH	7,964	7,820	144	1.8
WESTFIELD	18,376	18,002	376	2.0
WESTFORD	8,895	8,689	206	2.3
WESTHAMPTON	731	720	11	1.5
WESTMINSTER	2,683	2,598	85	3.2
WESTON	5,724	5,673	51	0.9
WESTPORT	6,863	6,613	250	3.6
WESTWOOD	6,949	6,847	102	1.5
WEYMOUTH	30,554	29,757	797	2.6
WHATELY	931	918	13	1.4
WHITMAN	7,211	7,007	204	2.8
WILBRAHAM	6,364	6,282	82	1.3
WILLIAMSBURG	1,359	1,334	25	1.8
WILLIAMSTOWN	4,314	4,269	45	1.0
WILMINGTON	9,430	9,188	242	2.6
WINCHENDON	3,189	3,070	119	3.7
WINCHESTER	10,934	10,756	178	1.6
WINDSOR	324	309	15	4.6
WINTHROP	10,762	10,490	272	2.5
WOBURN	22,127	21,678	449	2.0
WORCESTER	81,317	78,599	2,718	3.3
WORTHINGTON	567	558	9	1.6
WRENTHAM	3,910	3,807	103	2.6
YARMOUTH	9,628	9,386	242	2.5

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS
NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	MAY 88	APR 88	MAY 87	MAY 88	APR 88	MAY 87
MASSACHUSETTS	5,142	7,582	4,709	47,648	55,410	43,342
MAJOR LABOR AREAS						
BOSTON PMSA	1,741	1,593	1,542	20,286	22,444	17,795
BROCKTON PMSA	194	144	140	1,680	1,764	1,412
FALL RIVER PMSA[3]	373	368	363	2,105	2,565	2,291
FITCHBURG-LEOMINSTER MSA	95	81	161	735	782	1,042
LAWRENCE-HAVERHILL PMSA[4]	277	294	335	2,661	2,994	3,340
LOWELL PMSA[4]	227	154	143	1,880	2,051	1,719
NEW BEDFORD MSA	256	328	375	2,192	2,574	2,110
PITTSFIELD MSA	81	60	62	1,007	1,149	662
SPRINFIELD MSA	265	284	243	2,282	2,754	2,195
SALEM-GLOUCESTER PMSA	388	342	314	3,564	3,891	3,502
WORCESTER MSA	348	246	249	2,829	3,155	2,516
OTHER LABOR AREAS						
AMHERST LMA	13	10	9	121	138	102
ATHOL LMA	34	35	21	265	294	199
BARNSTABLE COUNTY LMA	130	115	129	1,747	2,546	1,287
BALANCE OF WESTERN MA EA	7	11	6	111	148	103
DUKES COUNTY LMA	2	2	5	52	105	64
GARDNER LMA	55	30	56	304	302	358
GREAT BARRINGTON LMA	9	16	12	90	127	93
GREENFIELD LMA	32	24	17	301	366	250
NANTUCKET LMA	3	0	3	19	41	18
NORTH ADAMS LMA	31	53	43	432	515	420
SOUTHBRIDGE LMA	43	18	36	273	305	223
TAUNTON LMA	90	84	97	498	583	481
WARE LMA	17	18	19	180	221	139

1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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DES DIVISION OF EMPLOYMENT SECURITY

Employment Review

JUNE 1988

Employment Expansion Continues

Employment levels in the Commonwealth expanded in June 1988 as 30,000 jobs were added to total nonagricultural wage and salary employment. The Commonwealth's total employment reached 3,154,000.

- Seasonal factors created increased employment opportunities in construction; wholesale and retail trade; finance, insurance, and real estate; and transportation, communication, and public utilities.

- Employment in the service sector remained stable in June 1988, as seasonal declines of 16,000 in educational services offset growth in other service industries.

- Employment levels expanded in the manufacturing sector, as 2,600 new jobs were added in June. Nondurable goods manufacturing industries created 1,900 new jobs, while the durable goods manufacturing industries produced 700 new jobs. High technology manufacturing employment increased by 300 jobs this month.

Employment continued to grow over the year, as nonagricultural wage and salary employment increased by 63,200 since June 1987, an annual growth rate of 2.0 percent.

- The service sector has added the largest number of new jobs over the year, up by 36,400 from June 1987. Other sectors experiencing growth include construction (14,800 new jobs), trade (13,500 new jobs), and finance, insurance, and real estate (10,400).

- In the manufacturing sector, employment levels decreased by 16,400 over the year. The annual losses for the durable and nondurable goods producing sectors were 11,000 and 5,400 respectively.

Unemployment Rate Increased In June 1988

The Commonwealth posted a seasonally adjusted unemployment rate of 3.5 percent in June 1988, up from May's rate of 2.8 percent. The total number of employed persons in Massachusetts grew modestly over the month June. Unemployment levels expanded as a result of the annual influx of job seeking students. The National unemployment rate declined slightly in June 1988

(continued on page 9)

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1988	MAY 1988	JUNE 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3154.4	3124.4	3091.2	30.0	1.0	63.2	2.0
Manufacturing	586.2	583.6	602.6	2.6	0.4	-16.4	-2.7
Durable Goods	388.6	387.9	399.6	0.7	0.2	-11.0	-2.8
Lumber & Furniture	13.6	13.6	14.0	0.0	****	-0.4	-2.9
Stone,Clay & Glass	11.0	10.7	10.8	0.3	2.8	0.2	1.9
Primary Metals	15.6	15.6	15.5	0.0	****	0.1	0.6
Fabricated Metals	40.1	40.0	41.7	0.1	0.3	-1.6	-3.8
Cutlery,Hand tools,Hardware	8.3	8.5	8.8	-0.2	-2.4	-0.5	-5.7
Machinery, except electrical	101.3	101.1	103.4	0.2	0.2	-2.1	-2.0
Metalworking machinery	12.8	12.6	12.7	0.2	1.6	0.1	0.8
Special industry machinery	10.7	10.8	11.6	-0.1	-0.9	-0.9	-7.8
* Office Computing, & Accounting Machines	57.6	57.5	56.3	0.1	0.2	1.3	2.3
Electrical & Electronic machinery,equip.,etc.	103.7	103.6	105.0	0.1	0.1	-1.3	-1.2
Communications equipment	40.3	40.4	40.6	-0.1	-0.2	-0.3	-0.7
Electronic components	42.7	42.6	42.0	0.1	0.2	0.7	1.7
Transportation equipment	32.0	32.2	35.9	-0.2	-0.6	-3.9	-10.9
Instruments	52.4	52.3	54.5	0.1	0.2	-2.1	-3.9
Measuring & Control devices	17.6	17.5	19.4	0.1	0.6	-1.8	-9.3
Miscellaneous Manufacturing Industries	18.9	18.8	18.8	0.1	0.5	0.1	0.5
Jewelry	6.9	6.9	7.2	0.0	****	-0.3	-4.2
Nondurable Goods	197.6	195.7	203.0	1.9	1.0	-5.4	-2.7
Food & kindred products	20.2	19.6	21.6	0.6	3.1	-1.4	-6.5
Textile mill products	16.3	16.1	17.3	0.2	1.2	-1.0	-5.8
Apparel	23.9	23.9	26.0	0.0	****	-2.1	-8.1
Mens & Boys suits,coats & furnishings	6.4	6.5	6.8	-0.1	-1.5	-0.4	-5.9
Paper & allied products	24.4	24.3	24.7	0.1	0.4	-0.3	-1.2
Printing & Publishing	57.2	56.5	55.6	0.7	1.2	1.6	2.9
Chemicals	17.4	17.1	17.7	0.3	1.8	-0.3	-1.7
Rubber & miscellaneous Plastic products	27.8	27.9	29.6	-0.1	-0.4	-1.8	-6.1
Miscellaneous Plastic products	21.3	21.4	22.7	-0.1	-0.5	-1.4	-6.2
Leather & Leather products	8.6	8.6	9.0	0.0	****	-0.4	-4.4
Footwear, except rubber	4.2	4.3	4.4	-0.1	-2.3	-0.2	-4.5
Mining	2.0	1.9	1.9	0.1	5.3	0.1	5.3
Construction	158.5	151.2	143.7	7.3	4.8	14.8	10.3
Transportation, Communication & Public Utilities	132.9	130.8	131.8	2.1	1.6	1.1	0.8
Wholesale & Retail trade	744.3	730.7	730.8	13.6	1.9	13.5	1.8
Wholesale Trade	176.5	174.1	171.9	2.4	1.4	4.6	2.7
Retail Trade	567.8	556.6	558.9	11.2	2.0	8.9	1.6
Finance, Insurance & Real Estate	231.3	227.8	220.9	3.5	1.5	10.4	4.7
Banking	65.8	65.6	65.2	0.2	0.3	0.6	0.9
Services	889.0	888.7	852.6	0.3	****	36.4	4.3
Health Services	253.3	250.1	244.7	3.2	1.3	8.6	3.5
Educational Services	103.8	119.8	104.6	-16.0	-13.4	-0.8	-0.8
Government	410.2	409.7	406.9	0.5	0.1	3.3	0.8
Federal	62.9	62.6	62.9	0.3	0.5	0.0	****
U.S. Postal Service	28.1	27.9	26.9	0.2	0.7	1.2	4.5
State	99.7	102.4	99.3	-2.7	-2.6	0.4	0.4
Educational services	23.7	27.5	25.9	-3.8	-13.8	-2.2	-8.5
Local	247.6	244.7	244.7	2.9	1.2	2.9	1.2
Educational services	138.7	139.3	137.2	-0.6	-0.4	1.5	1.1
Other Local	108.9	105.4	107.5	3.5	3.3	1.4	1.3
* High Technology Manufacturing	237.6	237.3	240.3	0.3	0.1	-2.7	-1.1
* High Technology Nonmanufacturing	90.2	88.9	86.0	1.3	1.5	4.2	4.9

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1988	MAY 1988	JUNE 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1756.3	1752.0	1727.8	4.3	0.2	28.5	1.6
Manufacturing	277.0	275.3	283.2	1.7	0.6	-6.2	-2.2
Durable Goods	196.4	195.7	201.8	0.7	0.4	-5.4	-2.7
Primary Metals	3.4	3.4	3.1	0.0	****	0.3	9.7
Fabricated Metals	15.4	15.5	16.0	-0.1	-0.6	-0.6	-3.8
Machinery, except electrical	47.4	47.2	49.0	0.2	0.4	-1.6	-3.3
Electrical & Electronic machinery,equip.,etc.	59.6	59.2	59.2	0.4	0.7	0.4	0.7
Transportation equipment	20.0	20.1	23.2	-0.1	-0.5	-3.2	-13.8
Instruments	39.1	38.9	39.7	0.2	0.5	-0.6	-1.5
Nondurable Goods	80.6	79.6	81.4	1.0	1.3	-0.8	-1.0
Food & kindred products	11.7	11.3	11.8	0.4	3.5	-0.1	-0.8
Textile mill products	2.5	2.5	2.3	0.0	****	0.2	8.7
Apparel	6.4	6.1	7.0	0.3	4.9	-0.6	-8.6
Paper & allied products	6.8	6.8	7.2	0.0	****	-0.4	-5.6
Printing & Publishing	33.8	33.6	33.3	0.2	0.6	0.5	1.5
Chemicals	8.3	8.2	8.3	0.1	1.2	0.0	****
Rubber & miscellaneous Plastic products	8.0	8.0	8.4	0.0	****	-0.4	-4.8
Leather & Leather products	2.3	2.3	2.4	0.0	****	-0.1	-4.2
Mining	1.1	1.0	0.9	0.1	10.0	0.2	22.2
Construction	77.2	74.1	72.4	3.1	4.2	4.8	6.6
Transportation, Communication & Public Utilities	76.7	76.1	76.6	0.6	0.8	0.1	0.1
Wholesale & Retail trade	388.6	386.5	387.9	2.1	0.5	0.7	0.2
Finance, Insurance & Real Estate	157.8	155.4	152.1	2.4	1.5	5.7	3.7
Banking	45.0	44.4	43.0	0.6	1.4	2.0	4.7
Insurance	37.0	36.4	37.0	0.6	1.6	0.0	****
Services	566.6	573.0	548.8	-6.4	-1.1	17.8	3.2
Health Services	143.0	142.0	139.0	1.0	0.7	4.0	2.9
Educational Services	76.6	89.8	78.0	-13.2	-14.7	-1.4	-1.8
Government	211.3	210.6	205.9	0.7	0.3	5.4	2.6
Federal	38.4	38.1	38.9	0.3	0.8	-0.5	-1.3
U.S. Postal Service	15.4	15.4	15.0	0.0	****	0.4	2.7
Federal Hospitals	4.8	4.8	5.1	0.0	****	-0.3	-5.9
State	51.8	51.3	49.7	0.5	1.0	2.1	4.2
State Hospitals	5.1	5.1	4.8	0.0	****	0.3	6.3
Educational services	8.7	8.9	8.3	-0.2	-2.2	0.4	4.8
Local	121.1	121.2	117.3	-0.1	-0.1	3.8	3.2

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1988	MAY 1988	JUNE 1987	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	244.9	244.2	239.8	0.7	0.3	5.1	2.1
Manufacturing	51.5	51.5	51.0	0.0	****	0.5	1.0
Durable Goods	26.5	26.5	25.9	0.0	****	0.6	2.3
Fabricated Metals	6.9	7.0	7.0	-0.1	-1.4	-0.1	-1.4
Machinery, except electrical	6.5	6.5	6.2	0.0	****	0.3	4.8
Nondurable Goods	25.0	25.0	25.1	0.0	****	-0.1	-0.4
Textile mill products	1.6	1.6	1.5	0.0	****	0.1	6.7
Apparel	0.9	0.9	1.1	0.0	****	-0.2	-18.2
Paper & allied products	8.1	8.2	7.8	-0.1	-1.2	0.3	3.8
Printing & Publishing	6.2	6.1	6.4	0.1	1.6	-0.2	-3.1
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Construction	10.6	10.4	10.4	0.2	1.9	0.2	1.9
Transportation, Communication & Public Utilities	10.1	9.9	9.7	0.2	2.0	0.4	4.1
Wholesale & Retail trade	58.1	57.4	56.5	0.7	1.2	1.6	2.8
Finance, Insurance & Real Estate	16.9	16.8	16.3	0.1	0.6	0.6	3.7
Services	59.0	59.8	56.8	-0.8	-1.3	2.2	3.9
Government	38.6	38.3	38.9	0.3	0.8	-0.3	-0.8
Federal	6.3	6.1	6.4	0.2	3.3	-0.1	-1.6
State	8.4	8.6	8.1	-0.2	-2.3	0.3	3.7
Local	23.9	23.6	24.4	0.3	1.3	-0.5	-2.0
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	207.7	206.6	200.8	1.1	0.5	6.9	3.4
Manufacturing	46.4	45.9	46.3	0.5	1.1	0.1	0.2
Durable Goods	31.0	30.8	30.6	0.2	0.6	0.4	1.3
Primary Metals	2.2	2.2	2.0	0.0	****	0.2	10.0
Fabricated Metals	6.9	6.8	6.9	0.1	1.5	0.0	****
Machinery, except electrical	9.9	9.9	10.1	0.0	****	-0.2	-2.0
Nondurable Goods	15.4	15.1	15.7	0.3	2.0	-0.3	-1.9
Textile mill products	2.6	2.6	2.9	0.0	****	-0.3	-10.3
Leather & Leather products	0.7	0.7	0.8	0.0	****	-0.1	-12.5
Mining	0.2	0.2	0.1	0.0	****	0.1	100.0
Construction	11.0	10.5	10.2	0.5	4.8	0.8	7.8
Transportation, Communication & Public Utilities	8.6	8.4	8.8	0.2	2.4	-0.2	-2.3
Wholesale & Retail trade	48.9	48.4	47.8	0.5	1.0	1.1	2.3
Finance, Insurance & Real Estate	15.3	14.9	14.0	0.4	2.7	1.3	9.3
Services	52.1	52.6	49.1	-0.5	-1.0	3.0	6.1
Government	25.2	25.7	24.5	-0.5	-1.9	0.7	2.9

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1988	MAY 1988	JUNE 1987	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	75.1	74.0	72.9	1.1	1.5	2.2	3.0
Manufacturing	11.6	11.5	11.6	0.1	0.9	0.0	****
Durable Goods	6.4	6.3	6.3	0.1	1.6	0.1	1.6
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.4	0.0	****	-0.1	-7.1
Nondurable Goods	5.2	5.2	5.3	0.0	****	-0.1	-1.9
Construction	4.4	4.3	3.8	0.1	2.3	0.6	15.8
Transportation, Communication & Public Utilities	5.1	5.0	5.1	0.1	2.0	0.0	****
Wholesale & Retail trade	23.4	22.9	22.0	0.5	2.2	1.4	6.4
Finance, Insurance & Real Estate	3.2	3.2	3.2	0.0	****	0.0	****
Services	15.7	15.4	15.1	0.3	1.9	0.6	4.0
Government	11.7	11.7	12.1	0.0	****	-0.4	-3.3
Federal	3.1	3.1	3.0	0.0	****	0.1	3.3
State	2.5	2.5	2.4	0.0	****	0.1	4.2
Local	6.1	6.1	6.7	0.0	****	-0.6	-9.0
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	167.5	166.0	164.7	1.5	0.9	2.8	1.7
Manufacturing	49.9	50.0	51.2	-0.1	-0.2	-1.3	-2.5
Durable Goods	36.4	36.6	37.3	-0.2	-0.5	-0.9	-2.4
Nondurable Goods	13.5	13.4	13.9	0.1	0.7	-0.4	-2.9
Leather & Leather products	1.7	1.8	1.9	-0.1	-5.6	-0.2	-10.5
Construction	8.8	8.4	8.7	0.4	4.8	0.1	1.1
Transportation, Communication & Public Utilities	6.7	6.7	7.0	0.0	****	-0.3	-4.3
Wholesale & Retail trade	38.4	37.9	36.6	0.5	1.3	1.8	4.9
Finance, Insurance & Real Estate	6.7	6.5	6.5	0.2	3.1	0.2	3.1
Services	35.8	35.1	33.9	0.7	2.0	1.9	5.6
Government	21.2	21.4	20.8	-0.2	-0.9	0.4	1.9

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1988	MAY 1988	JUNE 1987	#	%	#	%
***PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	44.0	42.8	43.2	1.2	2.8	0.8	1.9
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	11.0	11.0	12.1	0.0	****	-1.1	-9.1
Machinery	6.2	6.3	7.4	-0.1	-1.6	-1.2	-16.2
All other manufacturing	4.8	4.7	4.7	0.1	2.1	0.1	2.1
Construction	2.9	2.8	2.5	0.1	3.6	0.4	16.0
Transportation, Communication & Public Utilities	1.1	1.1	1.1	0.0	****	0.0	****
Wholesale & Retail trade	10.1	9.9	9.7	0.2	2.0	0.4	4.1
Finance, Insurance & Real Estate	2.2	2.1	2.1	0.1	4.8	0.1	4.8
Services	11.4	10.7	10.6	0.7	6.5	0.8	7.5
Government	5.2	5.1	5.0	0.1	2.0	0.2	4.0
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	69.7	68.7	67.5	1.0	1.5	2.2	3.3
Manufacturing	18.9	18.9	19.6	0.0	****	-0.7	-3.6
Durable Goods	8.0	8.0	8.1	0.0	****	-0.1	-1.2
Primary & Fabricated Metals	2.3	2.3	2.8	0.0	****	-0.5	-17.9
Nondurable Goods	10.9	10.9	11.5	0.0	****	-0.6	-5.2
Apparel	5.7	5.7	5.9	0.0	****	-0.2	-3.4
Construction	3.7	3.5	3.2	0.2	5.7	0.5	15.6
Transportation, Communication & Public Utilities	3.2	3.0	2.9	0.2	6.7	0.3	10.3
Wholesale & Retail trade	17.2	16.9	16.4	0.3	1.8	0.8	4.9
Finance, Insurance & Real Estate	2.7	2.7	2.6	0.0	****	0.1	3.8
Services	13.5	13.3	12.9	0.2	1.5	0.6	4.7
Government	10.5	10.4	9.9	0.1	1.0	0.6	6.1
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	56.4	55.9	56.2	0.5	0.9	0.2	0.4
Manufacturing	15.7	15.6	17.0	0.1	0.6	-1.3	-7.6
Textile mill products	3.9	3.9	4.3	0.0	****	-0.4	-9.3
All other manufacturing	11.8	11.7	12.7	0.1	0.9	-0.9	-7.1
Construction	2.8	2.7	2.6	0.1	3.7	0.2	7.7
Transportation, Communication & Public Utilities	2.0	1.9	2.0	0.1	5.3	0.0	****
Wholesale & Retail trade	15.4	15.2	14.1	0.2	1.3	1.3	9.2
Finance, Insurance & Real Estate	3.2	3.2	3.1	0.0	****	0.1	3.2
Services	10.8	10.7	10.4	0.1	0.9	0.4	3.8
Government	6.5	6.6	7.0	-0.1	-1.5	-0.5	-7.1

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	JUNE 1988	MAY 1988	JUNE 1987	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	41.1	40.8	40.6	0.3	0.7	0.5	1.2
Manufacturing	11.5	11.5	11.9	0.0	****	-0.4	-3.4
Durable Goods	4.7	4.7	4.6	0.0	****	0.1	2.2
Machinery, except electrical	3.0	3.0	2.8	0.0	****	0.2	7.1
Nondurable Goods	6.8	6.8	7.3	0.0	****	-0.5	-6.8
Rubber & miscellaneous Plastic products	3.4	3.5	3.9	-0.1	-2.9	-0.5	-12.8
Construction	2.9	2.8	2.7	0.1	3.6	0.2	7.4
Transportation, Communication & Public Utilities	1.7	1.6	1.6	0.1	6.3	0.1	6.3
Wholesale & Retail trade	10.2	10.3	10.1	-0.1	-1.0	0.1	1.0
Finance, Insurance & Real Estate	1.9	1.9	1.8	0.0	****	0.1	5.6
Services	8.6	8.4	7.9	0.2	2.4	0.7	8.9
Government	4.3	4.3	4.6	0.0	****	-0.3	-6.5
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	108.1	107.9	106.4	0.2	0.2	1.7	1.6
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	36.1	36.2	36.3	-0.1	-0.3	-0.2	-0.6
Construction	6.7	6.2	5.9	0.5	8.1	0.8	13.6
Transportation, Communication & Public Utilities	3.4	3.4	3.8	0.0	****	-0.4	-10.5
Wholesale & Retail trade	22.7	22.9	22.3	-0.2	-0.9	0.4	1.8
Finance, Insurance & Real Estate	4.3	4.3	4.4	0.0	****	-0.1	-2.3
Services	20.8	20.8	20.1	0.0	****	0.7	3.5
Government	14.0	14.0	13.4	0.0	****	0.6	4.5
***SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	117.2	114.9	113.8	2.3	2.0	3.4	3.0
Manufacturing	21.6	21.6	22.0	0.0	****	-0.4	-1.8
Durable Goods	15.1	14.9	15.3	0.2	1.3	-0.2	-1.3
Nondurable Goods	6.5	6.7	6.7	-0.2	-3.0	-0.2	-3.0
Construction	5.5	5.3	5.0	0.2	3.8	0.5	10.0
Transportation, Communication & Public Utilities	4.0	3.9	3.7	0.1	2.6	0.3	8.1
Wholesale & Retail trade	34.1	33.6	33.7	0.5	1.5	0.4	1.2
Finance, Insurance & Real Estate	6.3	5.9	5.5	0.4	6.8	0.8	14.5
Services	29.1	28.3	27.8	0.8	2.8	1.3	4.7
Government	16.5	16.2	16.0	0.3	1.9	0.5	3.1

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MANUFACTURING

Area	Average Weekly Hours			Average Hourly Earnings		
	JUNE 88	MAY 88	JUNE 87	JUNE 88	MAY 88	JUNE 87
UNITED STATES	41.2	40.9	41.1	$10.16	$10.14	$9.87
MASSACHUSETTS	41.5	40.8	41.5	10.23	10.12	9.68
BOSTON	41.7	41.4	40.8	10.90	10.94	10.64
BROCKTON	40.7	41.2	41.0	8.39	8.47	7.85
FALL RIVER	36.8	36.9	38.2	7.64	7.63	7.57
LAWRENCE-HAVERHILL	40.3	40.1	40.7	10.14	10.09	9.81
LOWELL	42.4	42.6	43.3	10.07	10.01	10.12
NEW BEDFORD	38.6	38.2	38.8	8.73	8.76	8.19
SPRINGFIELD	42.9	42.7	42.3	9.78	9.67	9.16
WORCESTER	40.5	40.1	41.2	10.41	10.26	9.78

Nonagricultural Wage and Salary Employment
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY
MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	JUNE 88	MAY 88	JUNE 87	JUNE 88	MAY 88	JUNE 87
MANUFACTURING	41.5	40.8	41.5	10.23	10.12	9.68
DURABLE GOODS	42.1	41.1	42.1	10.69	10.57	10.16
LUMBER & FURNITURE	39.7	39.5	41.4	8.05	7.93	7.42
STONE, CLAY & GLASS	41.0	42.0	41.5	12.68	12.27	11.64
PRIMARY METALS	41.6	41.6	43.9	9.88	10.18	9.17
FABRICATED METALS	42.1	41.7	40.8	10.78	10.63	10.20
CUTLERY, ETC.	45.9	45.4	43.9	11.24	11.23	11.19
MACHINERY, EX. ELEC.	43.3	42.0	42.8	10.86	10.73	10.72
METALWORKING MACH.	43.9	44.0	43.9	11.32	11.10	10.94
SPECIAL INDU. MACH.	44.7	43.7	43.4	11.95	12.15	11.75
ELEC. & ELECTRON. MACH.	41.2	41.0	42.8	10.27	10.15	9.63
COMMUNICATIONS EQUIP.	39.8	41.5	41.9	10.71	10.56	10.44
ELECTRONIC COMP.	41.8	40.8	43.7	10.23	10.06	9.77
TRANSPORTATION EQUIP.	42.9	43.7	40.4	12.75	12.77	12.01
INSTRUMENTS	43.2	37.8	41.3	11.05	10.93	10.74
MEAS. & CONTROL DEVICES	45.7	45.8	43.7	8.43	8.55	8.33
MISC. MANUFAC. IND.	41.2	42.0	42.4	8.87	9.08	8.78
JEWELRY	40.5	42.2	40.7	7.98	7.89	7.43
NONDURABLE GOODS	40.6	40.4	40.5	9.57	9.48	8.89
FOOD & KINDRED PROD.	39.6	39.0	41.0	10.15	10.01	9.63
TEXTILE MILL PROD.	43.3	42.8	42.7	8.85	8.80	8.12
APPAREL	38.5	38.5	40.7	6.69	6.44	6.41
MENS & BOYS SUITS	40.4	40.3	43.6	7.26	7.30	7.23
PAPER & ALLIED PRODUCTS	45.2	45.1	44.1	10.23	10.34	9.28
PRINTING & PUBLISHING	37.0	37.0	37.6	10.30	10.20	9.92
CHEMICALS	44.4	43.7	40.4	11.96	11.83	11.48
RUBBER & PLASTIC PROD.	42.6	42.5	42.1	9.52	9.49	8.52
MISC. PLAS. PROD.	41.5	41.3	40.4	9.46	9.43	8.17
LEATHER & LEATHER PROD.	36.5	37.0	36.1	7.61	7.60	7.32
FOOTWEAR, EX. RUBBER	37.5	37.9	36.1	6.77	6.74	6.68